



City of Galveston
Municipal Utilities Monthly Report
September 2021

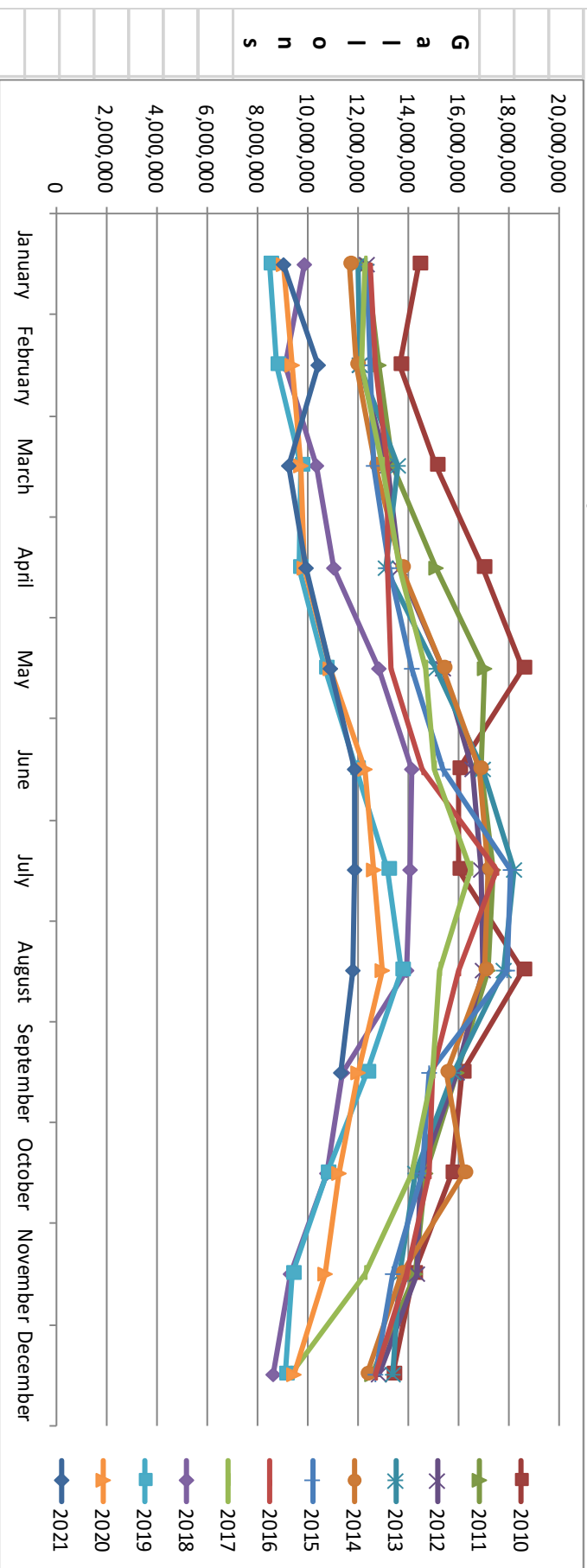
City of Galveston / 3015 Market Street / Galveston, TX / 77551

**MONTHLY REPORT
OF WATER SUPPLIES**

Galveston Daily Water Pumpage Report (September
2021)

Day August	Date 2021	Purchased From GCWA	30St Pumped Station GST Level 8 AM	59th Pump Station GST Level 8 AM	Airport P/S GST Level 8 AM
	1	11,117,000	15.5	15.8	N/A
	2	12,055,000	15.5	15.2	20.0
	3	12,088,000	15.5	17.3	20.3
	4	11,668,000	15.5	17.6	20.9
	5	12,801,000	15.5	18.1	19.1
	6	13,054,000	15.5	16.3	20.5
	7	13,022,000	15.5	16.3	20.6
	8	9,708,000	15.5	12.8	N/A
	9	11,494,000	15.5	16.4	N/A
	10	11,494,000	15.4	15.7	18.8
	11	13,205,000	17.8	15.7	N/A
	12	11,079,000	17.5	15.7	N/A
	13	12,211,000	17.2	15.7	19.9
	14	11,763,000	20.3	15.7	20.7
	15	8,337,000	19.3	15.7	19.9
	16	8,493,000	17.2	15.7	18.8
	17	10,078,000	16.7	15.7	20.1
	18	11,896,000	17.2	15.7	20.0
	19	12,753,000	20.3	15.7	19.9
	20	10,511,000	19.6	15.7	18.3
	21	11,277,000	19.6	15.7	19.7
	22	10,458,000	18.9	15.7	18.9
	23	9,631,000	16.1	15.7	19.7
	24	12,277,000	18.8	15.7	19.8
	25	11,994,000	17.6	21.0	18.8
	26	12,145,000	17.6	18.5	20.3
	27	10,706,000	17.6	16.5	19.7
	28	11,308,000	17.6	16.6	20.7
	29	9,912,000	17.6	15.3	19.4
	30	11,315,000	17.6	20.3	18.4
Total		339,850,000			
Average		11,328,333	17.2	16.3	19.7
Maximum		13,205,000	20.3	21.0	20.9
Minimum		8,337,000	15.4	12.8	18.3
Year to Date		1,156,670,000			

September 2021 WATER CONSUMPTION REPORT



	January	February	March	April	May	June	July	August	September	October	November	December	Yearly
Year	January	February	March	April	May	June	July	August	September	October	November	December	Month Avg.
2010	14,441,613	13,685,536	15,130,000	16,994,500	18,557,977	15,986,757	16,008,370	18,558,133	16,121,867	15,757,548	14,232,667	13,397,097	15,739,339
2011	12,361,290	12,871,929	13,405,355	15,093,828	17,021,355	16,900,241	17,388,613	17,175,968	15,961,067	14,724,379	14,278,333	12,578,258	14,980,051
2012	12,353,548	12,050,000	13,190,161	13,677,300	15,405,323	16,587,367	16,897,871	16,951,935	15,943,167	14,509,355	14,329,300	12,810,387	14,558,810
2013	12,005,677	12,078,750	13,597,667	13,091,767	15,122,581	16,965,833	18,214,452	17,797,968	15,827,900	14,289,452	13,649,500	13,370,903	14,667,704
2014	11,678,774	11,978,607	12,715,065	13,738,100	15,415,806	16,879,567	17,201,484	17,045,935	15,531,567	16,228,645	13,735,900	12,342,129	14,540,965
2015	12,379,129	12,532,429	12,637,000	13,247,000	14,186,000	15,387,333	18,119,065	17,962,387	14,821,400	14,599,742	13,365,367	12,698,097	14,327,912
2016	12,474,290	12,719,966	13,189,839	13,201,733	13,345,484	14,561,867	17,536,935	16,025,581	14,962,667	14,825,452	13,938,900	12,707,000	14,124,143
2017	12,285,839	12,168,179	12,997,968	13,692,767	14,729,355	15,047,667	16,471,645	15,253,548	14,997,100	14,126,032	12,316,867	9,357,692	13,620,388
2018	9,891,355	9,143,071	10,390,290	11,053,400	12,810,935	14,174,700	14,104,484	13,970,935	11,373,433	10,746,806	9,315,333	8,630,613	11,300,446
2019	8,470,355	8,755,464	9,754,774	9,672,200	10,706,355	11,939,633	13,210,258	13,709,194	12,348,267	10,767,290	9,416,167	9,125,833	10,656,316
2020	9,068,032	9,374,483	9,745,968	9,873,967	10,902,871	12,307,067	12,641,065	12,980,097	12,044,467	11,257,097	10,700,690	9,454,645	10,862,537
2021	9,066,677	10,396,607	9,231,355	9,944,200	10,911,968	11,879,967	11,843,226	11,802,355	11,328,333				19,280,938
Avg.	11,373,048	11,479,585	12,165,454	13,934,615	15,374,183	16,238,000	17,239,770	17,203,094	15,569,203	13,802,891	12,661,729	11,497,514	14,044,924

Distribution	FY2021 Sep	FYTD	FY2020 Sep
New water taps installed	9	286	9
Footage of water main installed	0	378	2
Water tap upgrade	0	14	-
Killed/Abandon Tap	0	35	1
Distribution system leaks repairs	9	571	55
Transmission line leaks repairs	1	17	-
Meter box installed	0	80	5
Valves installed	0	9	-
Valves replaced	0	2	-
Valve repaired	2	14	1
Fire hydrant installed/ repaired	0	64	-
Property owners Leak	10	277	22
Low water pressure	18	335	41
Turn on & turn offs	0	14	6
Flush Hydrants	0	-	-
Fire line tap	0	-	-
Locate meter	0	-	-
Valve exercising	0	177	163
Replaced valve box	0	-	2
Replaced valve lid	0	2	-
Raised valve box	0	-	-
Located Valves	0	91	86
Installed valve	0	-	-
Clean valve boxes	0	43	16
Turn off valve for contractors	0	9	4

Collection	FY2021 Sep	FYTD	FY2020 Sep
New sewer taps installed	16	236	6
Repaired / replace sewer taps	4	102	2
Sewer taps / cleanout located	4	131	3
Collection point repairs	1	143	22
Cleanouts installed	1	97	3
Main line stoppages	4	186	11
Residential stoppages	16	872	55
Footage of sewer line installed	70'	1,494'	18'
Manhole installed	-	10	-
Manhole repaired / rebuilt	1	8	4
Manhole cover / rim replaced	1	20	1
Cave in repair	1	3	-

SLRAT & LCCTV	Sep	FYTD	Aug
Water Used (Gallons)	4,880	313,265	23,875
Material Removed (Yards)	8	465	16
Manholes Cleaned	10	326	9
Cleanouts Cleaned	9	166	7
Mains Cleaned (Feet)	2,985	146,305	6,340
Service Lateral Cleaned (Feet)	64	7,452	1,355
Service Lines TV'd (Feet)	132	265	-
Main Lines TV'd (Feet)	1,434	26,593	-
Debris Taken to Dump (lbs)	28,620	568,740	308,720
Mains Surveyed (Feet)	2,951	261,908	12,352
Mains Block (Feet)	840	83,021	-
Proactive Inspection of Manholes	68	1,366	59
Proactive Line Cleaning (Feet)	0	12,893	-
Proactive Televising (Feet)	0	5,315	-

Meters	21-Sep	FYTD	21-Aug
METER TURN ON	624	2807	614
METER TURN OFF	185	1470	147
DELINQUENT OFF	376	1226	355
DOOR NOTICE LEFT	402	1523	410
RE-READS	436	2856	659
REGISTER CHANGES	3	30	8
REPLACE METER BOX & COVER	31	116	21
T-STOP REPAIRS/LEAKS/OTHER/PROFILES	58	824	127
INSTALL NEW METER	4	11	3
PULLED METERS	6	17	5
Large Meter - Surveys	-	18	-
Large Meter - Repairs	-	0	-
Large Meter - Re-Reads	-	0	-
Large Meter - Reg. Changes	-	0	-

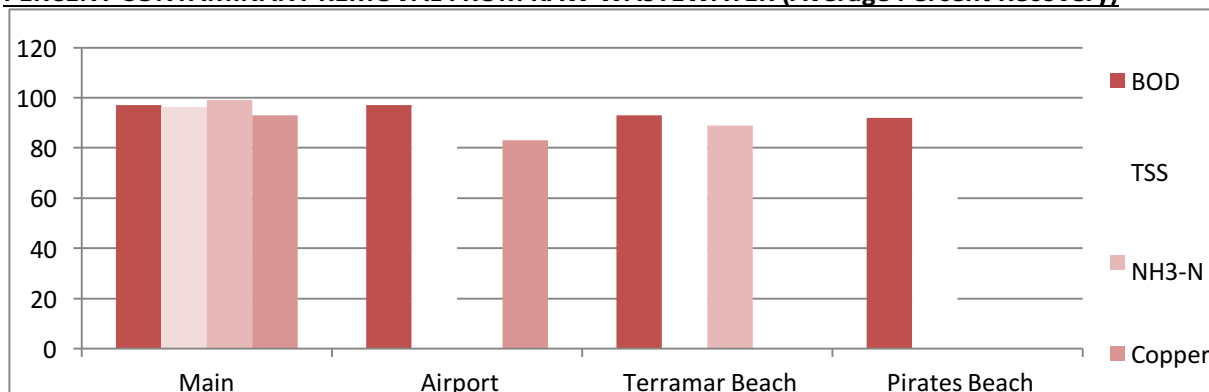
Monthly Report September 2021

Monthly Report September 2021							
Million Gallons Per Day			Daily Max.	Average Mg/L			
Plant Flow	Average	2 Hr. Peak	Entero	Copper	BOD	TSS	NH3N
Main	4.800	NA	689	0.004	2.6	3.3	0.2
Airport	2.486	9.0	10	0.005	2.8	2.8	N/A
Terramar	0.441	N/A	10	N/A	3.9	4.4	2.10
Pirates	0.210	N/A	0.733	N/A	3.1	3.8	N/A
Seawolf Park	Under Design						
Million Gallons Per Day							
Plant Flow	Average	2 Hr. Peak	Entero	Copper	BOD	TSS	NH3N
Main	10.0	NA	104	0.051	25	40	10
Airport	3.75	11.2	104	0.0256	45	45	N/A
Terramar	0.500	N/A	89	N/A	25	40	10
Pirates	0.625	N/A	104	N/A	45	45	N/A

Pirates Beach Plant flow splits according to flow demand for the Golf Course. When demand is met the remaining flow is discharged

into the Bayou. This flow is reported and mailed to T.C.E.Q on a MER - Monthly Effluent Report.

PERCENT CONTAMINANT REMOVAL FROM RAW WASTEWATER (Average Percent Recovery)



*TSS- Total Suspended Solids * BOD - Biochemical Oxygen Demand * Copper *NH3-N - Ammonia as Nitrogen

These are permitted parameters set by the TCEQ

Main Wastewater Treatment Plant

1. Replaced Compressor unit and repaired leak on (1) .
2. Cleaned filters and UV bulb banks.
3. Manually remove scum & grit from SBR 1-6.

Airport Wastewater Treatment Plant

1. Blower 1 motor removal set date.
2. Deragged 4 Influent Pumps.
3. VFD Blower # 2 being worked on.

Pirates Beach Wastewater Treatment Plant

1. Removed (5) loads of sludge to Main Plant.
2. Generator has leak on radiator.

Terramar Beach Wastewater Treatment Plant

1. Removed (5) loads of sludge to Main Plant.
2. Manually start Generator due to power outage.

Lift Stations

1. Set up and remove bypass LS 4 & 23 due to power outages.
2. Rebuilt Pump LS 28 & installed.
3. Rehung Electric Meter LS 51, due to Hurricane Nicholas.
4. Installed LS 31 Pump.
5. LS 26 & 30 Meter cam replacement.

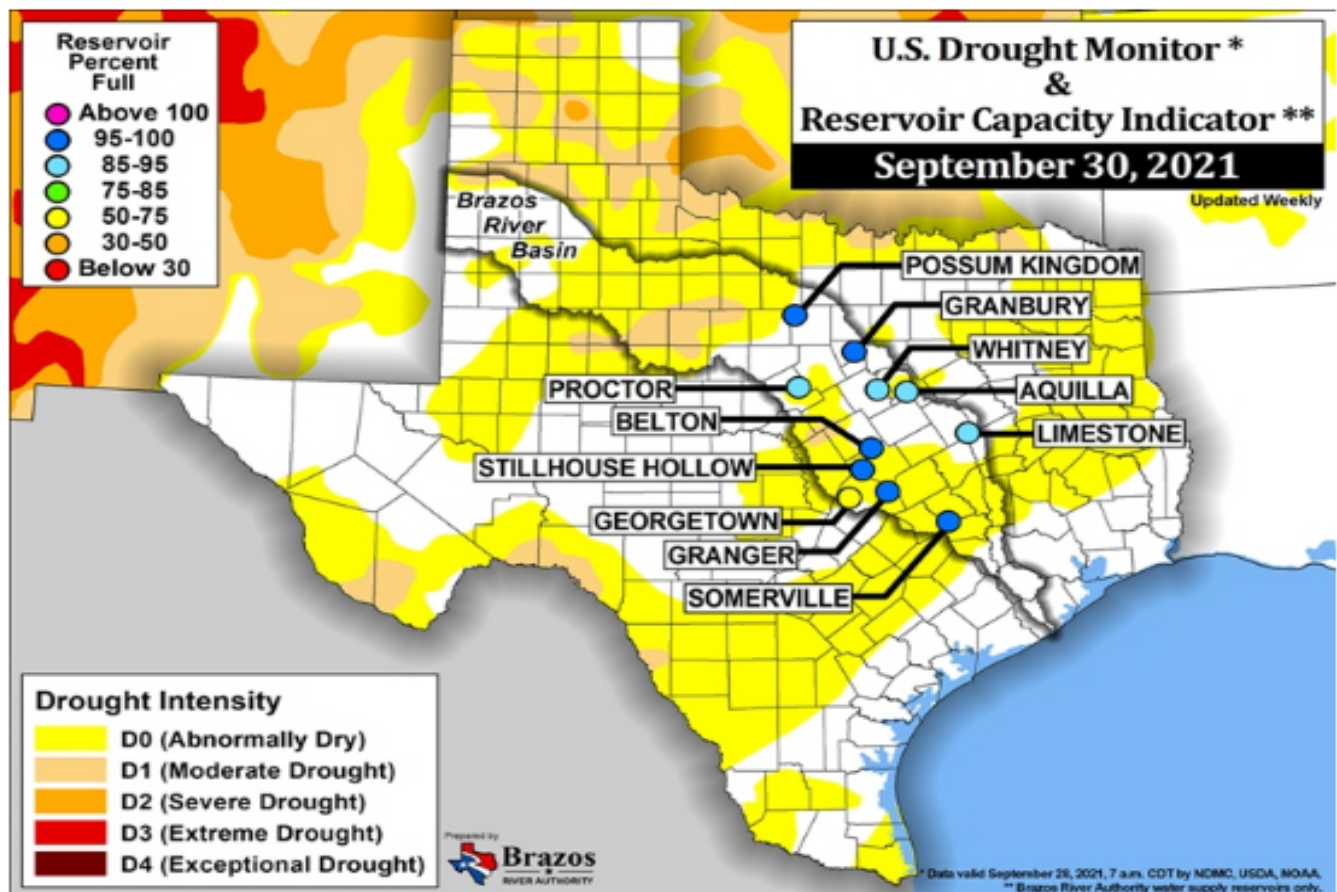
Public Works Municipal Utilities Department
Industrial Pretreatment Program
Monthly Report

Sep-21

NOV's	9
Verbal Warnings	2
Denial Letters on Exemptions/Extensions	0
Consent Orders	0
Show Cause Orders	0
Emergency Water Suspension	0
Food service establishment inspections	161
Food service establishment inspection follow-ups	3
Industrial inspections	0
Waste hauler inspections	102
Hauled waste received at main plant (gallons)	173,045
Total waste hauler bill	\$8,350.00
(SSO's) Inspections made	6
Witness pumping event	9
	0

Other activities included:

Billing the County Jail. Data entry for pretreatment software. Data entry for FOG software. Investigation of sanity sewer complaints. Waste hauler billing. Inspected sewer mains. Faxing SSO's. Entering SSO's on spreadsheet. Reconciling waste hauler tickets. Filing. Meeting with Restaurant Owners. Show Cause Hearings. Making files for new facilities. Making new spreadsheets.



Current available storage and reservoir drawdown

BRA Water Supply Reservoirs "PERCENT FULL" September 29, 2021

Brazos RIVER AUTHORITY
Updated Weekly

